

Symposium On

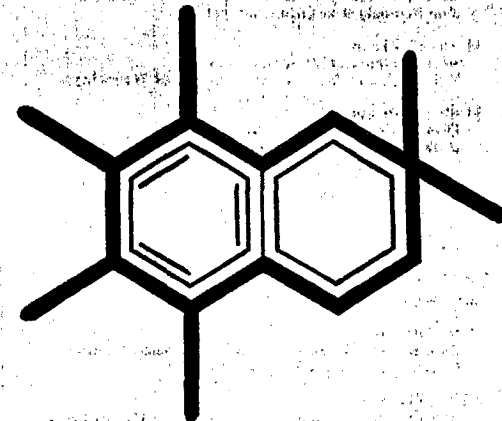
VITAMINS, NUTRITION, AND CANCER

Sponsored By

CENTER FOR VITAMINS AND CANCER RESEARCH

University of Colorado Health Sciences Center
Department of Radiology, School of Medicine

JUNE 20 - JUNE 22, 1983
HILTON HOTEL
DENVER, COLORADO



Conference Chairmen
Kedar N. Prasad, Ph.D.
Jeffrey V. Sutherland, Ph.D.

GENERAL INFORMATION

OBJECTIVE:

This symposium will emphasize the basic mechanisms of carcinogenesis and how vitamins and nutrition are important factors in the etiology, prevention, and treatment of cancer. These topics will be discussed by invited speakers. However, investigators are encouraged to submit abstracts for poster sessions.

ABSTRACTS:

Deadline for receipt of abstracts is May 20, 1983. Please submit on a single sheet of plain white paper in 250 words or less to:

Jeffrey V. Sutherland, Ph.D.
Asst. Prof. of Radiol., Prev. Med. & Biom.
Department of Radiology C278
University of Colorado School of Medicine
Denver, CO 80262

ACCREDITATION:

Application has been made for prescribed credit hours from the American Medical Association.

REGISTRATION:

To register, please remit full amount of \$150 (\$50 for students) with application form. Registration fee includes full tuition, a book of abstracts, and daily coffee breaks. Cancellations received by May 20, 1983 will be refunded minus a \$25 administration fee. No refunds will be made after that date. On-site registration will be \$175. For participants who are selected for poster presentations, the registration fee will be reduced to \$75.

Registration Check in:

Sunday, June 19 / 5:30 - 8:30 p.m.
Monday, June 20 / 7:30 - 12:00 noon

RESERVATIONS

A reservation form for the Denver Hilton is included with this brochure. A block of rooms has been reserved at a special rate for this conference. Please return the reservation form directly to the hotel prior to May 1 to assure this reduced rate.

SYMPOSIUM REGISTRATION FORM

VITAMINS, NUTRITION, AND CANCER

Sponsored by the Center for Vitamins and Cancer Research, University of Colorado Health Sciences,
Department of Radiology School of Medicine

JUNE 20 - JUNE 22, 1983

Please Print

NAME: _____

PHONE: _____

ADDRESS: _____

CITY: _____

STATE: _____

ZIP: _____

SPECIALTY: _____

FEE ☐ \$150.00

☐ \$50.00 (STUDENT)

☐ SPOUSE WILL ATTEND

Make checks payable to:
Center for Vitamins and Cancer Research

Mail to:
Arlene Sutherland
Meeting Coordinator
Department of Radiology A031
University of Colorado School of Medicine
Denver, CO 80262

(Presentations will begin and end ON TIME)

PROGRAM

SUNDAY, JUNE 19, 1983

5:30 - 8:30 p.m.

Registration and hospitality room open

MONDAY, JUNE 20, 1983

8:00 - 8:05 a.m.

Introduction

Kedar N. Prasad, Symposium Chairperson

8:05 - 8:20 a.m.

Welcome

Roy Schwarz (University of Colorado Health Sciences Center)

8:20 - 9:00 a.m.

Keynote speaker

Session I. Basic Carcinogenesis

Chairperson: Frank Meyskens, Jr.

9:00 - 9:30 a.m.

Molecular Aspects of Malignant Transformation
T. Puck (Eleanor Roosevelt Cancer Research Institute)

9:30 - 10:00 a.m.

Mechanisms of Carcinogenesis and the Role
of Retinoids
R.K. Boutwell (University of Wisconsin)

10:00 - 10:15 a.m. Discussion

10:15 - 10:45 a.m. Coffee break

Session II. Environmental Carcinogens

Chairperson: R. Hamman

10:45 - 11:15 a.m.

Factors Affecting Radiation Transformation in Vitro
Ann Kennedy (Harvard University)

11:15 - 11:45 a.m.

Nitrosoamine and Blocking Agents
Paul Newberne (Massachusetts Institute of Technology)

11:45 - 12:15 p.m.

Dietary Macronutrients on Colon Cancers
B. Reddy (American Health Foundation)

12:15 - 12:30 p.m.

Discussion

12:30 - 2:00 p.m.

Lunch

Session III. Chemoprevention

Chairperson: J. Sutherland

2:00 - 2:30 p.m.

Chemoprevention Program at National Cancer Institute
P. Greenwald (National Cancer Institute)

2:30 - 3:00 p.m.

Role of Vitamin C and E in the Etiology of Human Cancer
E. Bright-See (Ludwig Institute for Cancer Research)

3:00 - 3:30 p.m.

Relation of Dietary Habit to Cancer Risk Among
Seventh Day Adventists
Roland Phillips (Loma Linda University)

3:30 - 3:50 p.m. Discussion

3:50 - 4:10 p.m. Coffee break

4:10 - 4:40 p.m.

Inhibition of Oncogenic Progression by Ascorbic Acid
W. Benedict (Children's Hospital, Los Angeles)

4:40 - 5:10 p.m.

Chemoprevention of Experimental Cancer in Animals
Richard Moon (ITT Research Group)

5:10 - 5:20 p.m.

Discussion

5:30 - 6:30 p.m.

Poster session

6:00 - 7:30 p.m.

Reception

TUESDAY, JUNE 21, 1983

Session IV. Treatment of Cancer by Vitamins (Vitamin A)

Chairperson: L. Helson

8:00 - 8:30 a.m.

Vitamin A: Prevention and Treatment of Cancers
Frank Meyskens, Jr. (University of Arizona
Health Sciences Center)

8:30 - 9:00 a.m.

Vitamin A and B-Carotene as Adjunctive Therapy to Tumor
Excision, Radiation Therapy and Chemotherapy
E. Seifter (Albert Einstein College of Medicine)

9:00 - 9:30 a.m.

Current Clinical Investigation with Retinoids
Loretta Itri (Hoffmann La Roche, Inc.)

9:30 - 10:00 a.m.

Discussion

10:00 - 10:20 a.m.

Coffee break

10:20 - 10:50 a.m.

Vitamin A Binding Proteins in Tumor Cells
David Ong (Vanderbilt University)

10:50 - 11:20 a.m.

Discussion

11:20 - 12:00 noon

Poster session

12:00 noon - 1:30 p.m.

Lunch

Session V. Treatment of Cancer by Vitamins (Vitamin E)

Chairperson: Elizabeth Bright-See

1:30 - 2:00 p.m.

Vitamin E in the Treatment of Cancers
Kedar N. Prasad (University of Colorado Health Sciences
Center)

2:00 - 2:30 p.m.

Clinical Effects of Intravenous Vitamin E in Patients with
Neuroblastomas
Lawrence Helson (Sloan Kettering Memorial Research Institute)

2:30 - 3:00 p.m.

Role of Tocopherol and Cholesterol in Myeloproliferative
Diseases
Harriet Gilbert (Mount Sinai School of Medicine)

3:00 - 3:30 p.m.

Discussion

3:30 - 3:50 p.m.

Coffee break

3:50 - 4:20 p.m.

Effect of Vitamin E on Immunity and Disease Resistance
R.P. Tengerdy (Colorado State University)

4:20 - 4:50 p.m.

Vitamin E Binding Proteins
R. Patnaik (Sinai Hospital)

4:50 - 5:20 p.m.

Vitamin and Drug-induced Mammary Cancer
Mechanisms of Chemoprevention
Y.M. Yang (M.D. Anderson Hospital)

5:20 - 5:35 p.m.

Discussion

7:00 - 9:00 p.m.

Poster session

WEDNESDAY, JUNE 22, 1983

Session VI. Role of Other Nutrients in the Etiology and Management of Cancer

Chairperson: Hemmy Bhagavan

8:00 - 8:30 a.m.

Vitamin B-6 Metabolism in Relation to Morris Hepatomas
John Thanassi (University of Vermont)

8:30 - 9:00 a.m.

Perspective of Nutritional Cancer Prophylaxis or
Chemoprevention
G.N. Schrauzer (University of California)

9:00 - 9:30 a.m.

Alcohol, Nutrition and Cancer
S.A. Broitman (Boston Univ. School of Medicine)

9:30 - 10:00 a.m.

Discussion

10:00 - 10:20 a.m.

Coffee break

10:20 - 10:50 a.m.

Inhibitors of Prostaglandin Synthesis Control Tumor
Growth and Metastasis Mediated by Dietary Factors
G.M. Kollmorgen (Oklahoma Cancer Research Foundation)

10:50 - 11:00 a.m. Discussion

11:00 - 12:00 noon

Poster Session

12:00 noon - 1:30 p.m.

Lunch

1:30 - 3:30 p.m.

Round-table Discussion
The Role of Vitamins in the Prevention and Treatment
of Cancer
Coordinator: K. Prasad
Discussants: P. Greenwald, R. Boutwell, R. Phillips,
L. Helson, B. Reddy, E. Bright-See, T. Puck, and
F. Meyskens, Jr.